

# Products and Events

Our main products and events for April 2010 to March 2011

**| Safety product |  
April 2010**

**Emergency stop switches released (X6 Series)  
Feature superior safety and design**



These new emergency stop switches are the result of a desire to bring form to the highest safety level imaginable. In addition to adopting an original safety structure, the shortest body in the world\* contributes to saving space.

\* IDEC research of March 2010

**| Electronic product |  
July 2010**

**Large, programmable operator interfaces released (HG3G Series)  
The brightest in their class\***

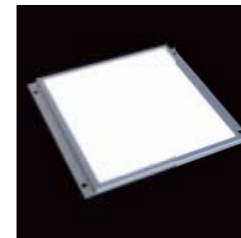


These super-bright programmable operator interfaces deliver ease-of-operation through vivid, fast and simple controls. Suitable for a wide variety of environments, these are the optimum units to use as an operation display panel for various industrial machines. These operator interfaces also excel in their connectivity with peripheral devices, allowing them to easily support a diversity of business applications.

\* IDEC research of July 2010

**| LED product |  
October 2010**

**Flat LED illumination units released (LF1F Series)  
Provide uniform illumination of inspection items**



12-mm thin units were achieved by utilizing an LED light source, thus enabling space savings upon installation. Their uniform light, devoid of the flickering common with fluorescent lighting, highlights the contrast in scratches and uneven areas, etc., to aid in more accurate visual inspection.

**| Electronic product |  
January 2011**

**General-purpose switching power supplies released (PS3X Series)  
Lead to a maximum of 70% reduction in volume compared with conventional products**



These general-purpose switching power supplies were designed to be compact and high-performance, while meeting global standards. They require less mounting space, creating up to a 70%\* reduction in volume compared with conventional products, and enabling their incorporation in a wider variety of control equipment.

\* 15W-unit comparison

**| LED product |  
April 2010**

**LED illumination units for freezer and refrigerator showcases released (LF1E Series)  
Deliver high energy efficiency and low heat generation**



Optimal light distribution was achieved by maximizing our optical design technology and combining LEDs with original lenses. Close to a 58% reduction in power consumption was realized over conventional lighting\* by simply illuminating the desired location with only the necessary amount of light.

\* In a comparison with FL fluorescent tubes

**| Explosion-proof product |  
July 2010**

**Control boxes with emergency stop switches released (EC2B Series)  
Flameproof, increased safety explosion-proof structures**



These control boxes have flameproof, increased safety explosion-proof structures and come equipped with emergency stop switches that conform to the IEC 60947-5-5 safety standard. They also conform to the ATEX Directive\*, making them perfect not only for use in Japan, but for factories in Europe and Southeast Asia as well.

\* European guidelines for explosion protection

**| Safety product |  
January 2011**

**Japan's first\*! Non-contact interlock switches released (HS3A Series)  
Conform to the latest international safety standards**



These RFID-supported, non-contact interlock switches feature the capability to automatically detect abnormalities in the circuit. This makes it possible to construct systems able to meet the world's highest levels of safety.

\* IDEC research of December 2010

**| Electronic product |  
March 2011**

**Third-generation multi-hand released (MH1A Series)  
High performance support state-of-the-art manufacturing**



Our original robot-controlled cell production system unites both productivity and safety, and was crowned with the first "Monozukuri Nippon Grand Award" in 2005. Bringing together IDEC production technology that supports such advanced manufacturing systems, this high-performance multi-hand was designed specifically for use with small, vertically articulated robots.

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April

May

June

July

August

September

October

November

December

January

February

March



June: 63rd General Meeting of Shareholders held 195 stockholders attended.



July: "Tenjin" festival An "all-LED lighting ship" illuminated the summer in Osaka.



September: Exhibited at the AUTO-ID EXPO 2010 automatic identification systems exhibition Introduced products focused on barcode readers etc.



October: Exhibited at JIMTOF2010 (Japan International Machine Tool Fair) Introduced various safety and LED products.



January: TIS Inc. Delivered LED base lighting to "GDC Gotenyama", a next-generation data center



March: Exhibited in LIGHTING FAIR 2011 Introduced products focused on LED lighting for plant equipment etc.